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RESULT 10 AAW22506

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AAB24654 standard; Peptide; 102 AA.
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                                                                     27-NOV 2003 (first entry)
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AAB24654
                                           This is an antimicrobial protein from the sunar beer plant. The encoding child dequence information was derived from active peptides which were isolated from interestlinar washing thind these protides which were the peptide sequencies were used to perform the amplituation of the encoding upin, merchy and he inserted into usual vectors and used to plant transformation. They may also be used to transform mercroorganisms for production of recombining for proteins and proteins can be considered with a resorbinant protein that an antimicrobial proteins can be considered with a resorbinary protein having herbicide antiviral activities. The antimicrobial priviles the antimicrobial priviles are negligible to central
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   sdes 17
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                                                                                                                                                                                                                                                           antimicrobial protein, sugar boet, maime, antifungal, antiviral, growth promotion, bedinide resistance, transgenic plant; IME: Intercellular washing fluid.
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The present invention describes polymosphotides, such as complete CDNA sequences and/or sequences of generic DNA energissing complete genes, portions of genes, and/or intergenic regions, collectively referred to Arabidopsis thatiana. The SDRs are promoters, structural genes, unitansiated legions (UTRS), or 3' termination sequence. They can be used for expressing u gene product and controlling expression of a target dens, either as a promoter, a structural gene, and there as a promoter, a structural gene, and there is a promoter, a structural gene, and there is a promoter, a structural gene, and there is a promoter, a structural gene, and the imaging, and identification of a particular individual plant or for clustering a group Ef plants with a former trait. AAA78433 to AAA78430 and AAE2843 to FAE2841 the specifically planted of the projective sequences and polypeptides on oded by them given in the projection of the sequences and polypeptides on oded by them given in the projection.
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                                                                                 Plant, corn, Arabidopsis thaliana, sequence-determined DNA fragment, 5DF, generic ampping, identification, facaties, arrunthral gene, HTP, untranslated region, expression control.
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33.3%, Fred. W. 1.8e 13,
tive 19, Mismatches of, Indels 17,
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Troukhan ME;

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ine present involution describes programmers, such is implete into sequences and/or sequences of generic PDA encompession complete genes, portions of genes, and/or involved in the sequence determined DDA fourments of SPEPs) from corn plants and as sequence determined DDA fourments; from corn plants and untranslated regions upper are promoters, structural genes, untranslated regions upper are promoters, structural genes, and respectively of a carged for expressing a gene product and institution of a sequence. They are also useful as tools for genetic mapping, and its fighting of a structural gene, an urp or as a service of sequence. They are also useful as tools for genetic conserving a group pipeling of principles in the policy and AAA/8431 to AAA/8630 and AADA400 to AAA/8631 to AAA/8630 and AADA400 to AAA/8630 to AAA/8630 and AADA400 to AAA/8630 to AAA/8630
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                                                                                                                  (CERE-) CERES INC.
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Marty 1927 Santa 193.0%; Score 169.5; DB 12, Length 102; Local Similarity 53.0%; Fred. No. 30.11, touservalive 15; Conservalive 15; Mismatches 39; Indels 13; Gaps
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Maximum DB seq length: 200000000
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Perfect sture.
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              Pred. Not is the number of results predicted by chance to have a score greater than or equal to the source of the result being printed, and is decived by analysis of the total score distribution.
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1: Opto Sin A: // in Sk. TWME pwg.

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513
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Sequence 5, Appli sequence 6, Appli sequence 6, Appli sequence 11, Appli sequence 12, Appli sequence 13, Appli sequence 14, Appli sequence 14, Appli sequence 15, Appli sequence 16, Appli sequence 17, Appli sequence 17, Appli sequence 18, Appli sequence 18, Appli sequence 18, Appli sequence 19, Appli sequence 17, App
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RESULT 2 US-00-702-609A-4 CONJUDENCE 4, Application TO/CONTROPA PARENT NO. 6031152 GENERAL INFORMATION: APPLICANT: Clsen, Odd-Arne APPLICANT: Linnestad, Couper TITLE OF INVENTION: Fromoter from a Lipid TITLE OF INVENTION: Transfer Protein Jone NUMBER OF SEQUENCES: 6 CORRESPONDENCE ANDREOS: ACCRESCENTING OF ADDREOS: ACCRESCENTING OF ADDREOS: ACCRESCENT NUMBER OF STORES STORES OF ADDREOS:	INFLUNCIALMANUEMSOLPANITANTORYMELYPORGAISSSOPPSISTS SYTER LITLANTATANTORYMELTER IN TORACLER CARALMSAUTETER TARACHER THE MPSILE LYST ANALYSTAR TORACLES SHERK LABY LAB CARACHAR TARACHER SY 92	dlarity 40.60, Corr. 201) DB 4: Length dlarity 44.00 pred. No. 1.6e-20; Congernative 64, Mismatcher 12, Indi	RESULT 1 US-C9-091-590A-5 Suggence 5, Application US/09091590A Suggence 10, 6242574 CENERAL INFORMATION: APPLICANT: Nielsen, Klaus APPLICANT: Nielsen, Klaus APPLICANT: Rrunsredt, Janne TITLE 52 INVERTION: ANT. PRINTER 11, ANT. MARKET 12, 1931, 590A FILE 4FFFFFF 21, 1931, 1931, 590A FESTAR ARELIANTE 1196-12-20 PRIOR FILING DATE: 196-12-20 PRIOR FILING TATE:	ALIGNASION	28 6 6 8 13.3 120 1 US - 08 5 3 9 + 3 0 4 A - 2 2 5 6 5 13.0 91 1 US - 08 5 5 9 + 4 3 8 5 7 13 13 13 13 13 13 13 13 13 13 13 13 13
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AUTHORS: Mallet Uri, Frieder
AUTHORS: Olsen, Finn-Tok
AUTHORS: Olsen, Finn-Tok
AUTHORS: Anndy, John
TILLE: Structure and Expression of the Barley Libid Transfer Filterin Filter of John Volume: Plant Molecular Biology
VOLUME: 18
ADDRESSER. Flunt Molecular Biology Laboratory,
ADDRESSE: Department of Bioterinical Sciences, Agricultural
ADDRESSEE. University of No. e031151way in J. Agricultural
ADDRESSEE. Program NRC
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US-08-207-9(4-4)

US-08-207-9(4-4)

Sequence 4, Application US/08207904

Sequence 5, Application US/08207904

Sequence 7, Application US/08207904

Sequence 7, Application Tutle AnnMarie

APPLICANT: Clossiand, Lyle D.

TITLE UP INVENTION: Anther Specific CONS. Sequences

TITLE UP INVENTION: Anther Specific CONS. Sequences

NUMBER UP SEQUENCES: 1

CORRESPONDED: CORRESPONDED: 1
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MEDIUM TYPE, 3.5" 1.44 Mb diskette
COMMEDIER: IBN PC
CIPERATING SYSTEM WINNOWS 09
SOFTWARE: Word Processing
CURKENI APPLICATION DATA:
APPLICATION NUMBER: US/US//UL/000A
FILING DATE: US/US//UL/000A
CUASSIFICATION: 435
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FRICK APPLICATION DATA:
APPLICATION TOMEER: FITCH FFT HIS FILL APPLICATION DATA:
FILLIM DATE: 13 020.98
ATHLEBE /ADRIT THE PRACTITE
NAME: Thaddius J. Carris
ARGELSTRAILOR TOWNER: 1431-14016A
TELECOMNONICATION INFORMATION:
TELEPHONE: 203-324-6156
TELEPHONE: 203-324-6156
TELEPHONE: 203-327-1096
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AUTHORS: Leah, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
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OKIGINAL SOURCE:
ORGANISM: Barley
PUBLICATION INFORMATION:
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STRANDEDNESS: double
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                                                                                                          COFFESSIONENCE ADDRESS.
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DATE: 16.09.91
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                                                                                                    ADDRESSE. Department of Biotechnical Sciences, Agricultural ADDRESSES. University of No. 1.1177 ay and Astic Droral Both Harbory by ADDRESSES. For a No. 1877 Country No. 6.01150 way TIP. No. 1472
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Best Local Chmilarity 17 FB, Pref No. 6 66994; Local Chmilarity 17 FB, Pref No. 6 66994; Indels 25; Gaps
Matches 29, Conservative 18; Mismatches 33, Indels 25; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               10 LVAVIAAMMVEMSELE-AATAVTGTINE LVECAGAISSOLPESGSOTSVVPS----- 65
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AUTHORS: Kalla, Poger
AUTHORS: Olsen, Odd-Arne
TITLE: Promoter of a Lipid Transfer Protein Gene
TITLE: Expressed in Barley Aleurone Cells Contains
TITLE: Similar myt and "Y? Fringhillin Sites as the Maize
TITLE: Br-MCC Allele
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APPLICALM Olsen, Odd-Arne
APPLICALM FALL, PROFT
APPLICALM FILLS OF TIVENTON. FROM TITLE OF INVENTION. Transfer Protein Gene
NUMBER OF SEQUENCES. 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE WATCH THE STATE OF THE
                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: 3.5" 1.44 Mb diskette COMPUTER: IPM PC OPERATING SYSTEM: WINDOWS 98
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Segmence A, Application 03/08T02609A
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AUTHOPS: Lonneborg, Anders
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Plant Physiol.
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CATION INFORMATION:
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STRANDEDNESS: double
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER PRADARLE FORM:
MEDIUM TYPE: 3.5" 1.4
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US-08-702-609A-6
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VOLUME:
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RESULT 5
US-08-207-904-19
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TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-207 904 4
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Patent No. 5477002
GRHEPAL INFORMATION:
APPLICANT: Tuttle, AnnMarie
APPLICANT: Tuttle, AnnMarie
TITLE OF INVENTION: Applicant: FOUR Sequences, Senomic
TITLE OF INVENTION: DATABLE and Patent FOUR Sequences
INTERPORT INVENTION: DATABLE and Patent FOUR Sequences
INTERPORT SECUENCES:
ADDRESSEE: CIPA-GENOW Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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18.1%; Score 93; DB 1; Length 118;
Best local similarity, DF 0%; Fied No cooses;
Matches 27; Conservative 15; Mismatches 43; Indeb 18;
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NAME: LAZAY, Steven R.
REGISTRATION NUMBER: 32,618
REFERENCE (COTFET NUMBER
TELECOMMUNICATION INFORMATION:
TELEPHONE: '0101641.9416
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                                                         MEDITA TYPE Flaggy disk
COMPUTER: IRM PO compatible
OPERATING SYSTEM: PO: FOS/MS-FOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA.
APPLICATION NUMBER: U3/08/207,304
FILING DATE:
CLASSIFICATION: ROO
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COMPUTER PEADABLE FORM:
MEDIUM TYPE FISERY
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PRIOR APPLICATION DATA:
APPLICATION NUMBER FILING DATE:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COREBATING SYSTEM PI-DOS/MS TOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 118 amino acide
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PRIOR APPLICATION DATA
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CITY: Hawthorne
STATE: New York
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CITY: Hawthorne
STATE: New York
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Sequence 11, Application US/08591498
Faront No. 5773694
GENERAL INFORMATION:
AFELICANT. BEOERARRI, WILLEM F.
APPLICANT: CAMMUE, BRUNO P.A.
AFFLICANT: REEGS ARAH B.
TITLE OF INVENTION. ANIMICROSIAL PROTEINS
MUNSER OF LEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: MILLSHOTH MACHELY Group of
ACCRESSE: HILLSHOTH MACHLY ALUTHO LLP
STREET: 1100 New York Aronuc, N.W.
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US-08-207-904-19
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                                                                            APPLICATION NUMBER: PCT/GB94/C1636
FRIDE DATE: 29-JUL-1994
FRIDE APPLICATION DATA:
APPLICATION NUMBER: GB 9317816.8
FRIDE DATE: 27 AUG 1793
PRICE AFFLICATION DATA:
AFFLICATION DATE: GB 9216158.6
FILHIG DATE: G9-AUG-1993
INFORMATION FOR SFG ID MO: II:
SEQUENCE CHARACTERISTICS:
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TELEPHONE: (919):541-8689
INFORMATION FOR EEQ IT NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                            COMPUTER EAGLABLE FORM:
MEDIUM TYPE, Plupy disk
COMPUTER: IMM PC compatible
OPERATING SISTEM. FC COS/MJ EOS
SCHWARE. Basentin Release #1.0, Version #1.25
CURRENT MEDIUM.EAR. UJ/CS/591,498
FILING DATE: 25-CAM-1996
FILING DATE: 25-CAM-1996
                                                                                                                                                                                                                                                                                 CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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CITY: Washington
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TYPE: amino acid
TOPOLOGY: linear
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                                                             LENGIH:

    MILELWRIMERS
    MULLIMIEST CREEKING CONTROL

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                (PE: amino acid
(RANDEDNESS: sin
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Warren M. Cheek, Jr.
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       IMMEDIATE SOURCE:
LIBRARY:
CLONE:
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ISSUE:
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FEATURE:
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Best Loral Gimilarity 34.0%; Pred. No 0.00084;
Matches 28, Conservative 8; Mismatches 27; Indels 18; Gaps
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Sequence 3, Application 18/08326482
Bacent No. 8446127
GENERAL INPORMATION
TITLE OF INVESTIGATE, BIVET ANTI-PARTICIPATION PEPTITIES AND TITLE OF INVESTIGATE, BIVET ANTI-PARTICIPATION COMPOSITIONS CONTAINED SAME CORP. CETTINING SAME CORP. CETTINING SAME ADDRESSING MANAGEMENT, LINE 4 Physics ADDRESSING MANAGEMENT AND ADDRESSING MANAGEMENT OF THE CONTROL OF THE
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COMPUTER READABLE FORM:
MEDIUM TIPE: DISACLE, 5.25 inch, 600 KD
COMPUTER: DISACLE, 5.25 inch, 600 KD
COMPUTER: Norderible
OPERATING SYSTEM: MS-DOS
CURRENT APPLICATION DATA:
APPLICATION HOMBER:
TO APPLICATION HOMBER:
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PRIOR APPLICATION NOTA:
ADDITONITOR INVRER
FILLY DATE (January 25, 1907
ATTORING DATE (January 25, 1907)
RESISTRATION NUMBER: [33,367]
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TYPE, amino acid
STRANDEDNESS, cingle
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GEOUPING CHARACTERISTICS:
LENGTH- On Amino Acids
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DEVELOPMENTAL STAGE:
MOLECULE TYPE: protein
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STREET: 805 ...
ATTV: Washington
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FRACMENT TYPE:
ORIGINAL COURCE:
ORGANISM:
                                                               ORIGINAL SOURCE:
ORGANISM: CW18
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STATE: D
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US-08-326-352-3
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Query Match
best booth Similarity (33.3); Freq. No. 2 0025,
Matches (7, Condervative 8, Mismatther 79, Indels 19, Gaps
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| Sequence 3, Application US/08404607
| Sequence 3, Application US/08404607
| Patent N. 61472101.
| SERBEAL INFORMATION.
| APPLICANT FRACTICE CARTIALITY FERTIDES AND ITLE OF INVENTION. ANTIENTING ENTRY
| TILLE OF INVENTION. SAFESTIVES CHARLES AND ITLE OF SEQUENCES. 6
| COMMERCE OF SEQUENCES. 6
| COMMERCES OF SEQUEN
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FILING DATE:
PRELICATION DATE:
RELEVANT RESIDUES IN SET ID NO-
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PUBLICATION INFORMATION
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CHROMCSOME/SEGMENT:
ORGANELLE
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COMPUTER PRADABLE FORM:

MEDIUM TYPE: Floggy dick
COMPUTER IRM PO COMPTIBLE
COMPUTER: FILOGY STATEM: PO COMPTIBLE
COMPUTER: PATENTIA FOR A FORMATION DATA.

SOFTMARE: PATENTIA Release #1.0, Version #1.25
COMPUTERING SYSTEM: PO COMPTIBLE
COMPUTER AFFLICATION DATA.

APPLICATION NUMBER: US/08/637,511A
FILING DATE:
ASENTIANTIAN UNFERPITANTIAN
PROTECTION NUMBER: 13/1889
PREPRINTE /FRIENT NUMBER: 13/1889
PREPRINTE /FR
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Parent No. 6238508
GENERAL INFORMATION:
APPLICANT: Kragh, Karsten M
APPLICANT: Mikkelsen, Jorn D
APPLICANT: Mikelsen, Klaus K
TITLE OF INVENTION: Anti-microbial proteins
NUMBER OF SEC
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Best Innal Similarity 17 1%, Score &6, DE 4, Length JO
Best Innal Similarity 17 1%, Prod. No. 0.0023;
Marches 27, Consorvative %, Mismatches 28, Indels
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INFORMATION FIR TELET NO SEQUENCE CHARACTERISTICS:

SEQUENCE CHARACTERISTICS:
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ADDRESSEE PAUSCE AGE INC.
STREET: 975 California Avenue
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COMPUTER READABLE FORM:
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CORRENT AFFLICATION MOMER. 50/03/091/590A
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MEDIUM TYTE. Ploppy disk
COMMEDISK: Instruction
CIBRATIUS SYCTEM: PC-DOS/MS-DNS
SUFTWIKE. PATENTIA. PC-DOS/MS-DNS
SUFTWIKE. PATENTIA. PC-DOS/MS-DNS
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Sequence 7, Application US/0948R200
Fater. Lin. 6300103
SEMBAL DECEMBLICE.
AFELICAT: Kragh, Karsten M
AFELICAT: Richer, Town D
AFELICAT: Richer, Flow W
TITLE OF INVENTION: ALLI-microbial proteins
HOMESPONDENCE ADDRESS: 4
CORRESPONDENCE ADDRESS: 4
SETERS: SALE: ANDRESS: 5ALE: SERES
                                                                        Sequence 1, Application US/3803D511A
Patent No. 5218808
SETERAL HETERATION:
APPLICANT: Fragh Farsten M
APPLICANT: Michigan, Juli 7
APPLICANT: Michigan, Klaus K
ITLE OF INVENTION: Anti-microbial priteins
NUMBER OF SEQUENCE ADDRESS.
ADDRESSEE: SANDOZ AGRO. INC.
STREET: 975 California Avenue
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MOLECULS TYPE: protein
HYPOTHERICAL: NO
ANTI-SENSE NO
CHIGINAL SOURCE:
CHOMINEM: Peta vulgaria
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unknown
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CITY: Palo Alto
STATE: California
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ZIP: CA94304-1104
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RESULT 13
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APPLICATION

APPLICATION

ATTORNEY/AGENT INFORMATION

MAME. MATCUS WYDEY, Lynn

REGISTRATION NUMBER, 34,869

REFERENCE/DOCKET NUMBER, 137 107

TELEFORMMINICATION TUMOFRATION.

TELEFORMATION FOR SEC ID NO: 1:

SECURENCE CHAPACTERISTICS.

LENGTH: 91 amino acids

TYPE: amino acids
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Best Local Similarity 25.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 14, Application US/ORS91498
Patent No. 5773694
GENERAL INFORMATION:
                                                                                                                                                                                                                                               APPLICANT: BROEKAERT, WILLEM F.
APPLICANT: CAMMUE, BRUNO P.A.
APPLICANT: REES, SARAH B.
TITLE OF INVENTION: ANTIMICKOBIAL FROTEINS
NUMBER OF SEQUENCES: 25
COPPESSPONDENCE ADDRESS:
CORPESSE: CUSHMAN DARBY & CUSHMAN
ADDRESSEE: Intellectual Property Group of
ADDRESSEF: PILLSBUPY MADISON & SUIRO LLP
STREET: 1100 New York Avenue, N.W.
          COUNTRY: U.S.A.

ZIF. 2005-3918

COMPUTER PEADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OFERATING SYSTEM: PC-FGS/MS-LOS
SOFTWARE: Parentin Pelease #1.0, Version #1.25
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MEDITM TYPE FIFTY disk
COMPUTER: ISM PC compatible
OPERATION SISTEM: PC-DOS/MS-FOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA.
APPLICATION MIMPER 10/07/439,260
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: protein
HYPOTHETICAL: NO
ANTI-SENSE: NO
OPICINAL SOURCE.
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PRIOR APPLICATION DATA.
APPLICATION NUMBER. 08/632,511
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                          STREET: 1100 New CITY: Washington
                                                                                                                                                                                                         STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              61 INYGKAASLPRQCGVSVP 78
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STATE: California
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CA94304 1104
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25.6%; Ered. No. 3.0644;
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TOPOLOGY: lines
, MOLECULE TYPE, p.
, ORIGINAL SOURCE:
, ORGANISM, Zm-ns
US-08-591-498-14
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APPLICATION NUMBER: pcf/3894/01636
ETLING DATE: 20-JUL 1004
PRIOR APPLICATION DATA:
AFFLING DATE: 19-2017816.8
ETLING DATE: 19-2017816.8
ETLING DATE: 19-2017816.8
ETLING DATE: 19-2017816.8
ETLING DATE: 04-AUG-1993
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH. 93 dmino acids
STRANDEDNESS: single
Search completed. Coop time: 26 secs
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CLASSIFICATION: 800
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                                118974 segs, 19401057 residues
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11. /cgnc_6/gredata/2/gubpaa/UGG08_NBW_PUB_pep;

32. /ggnc_6/gredata/2/gubpaa/UGG08_NBW_PUB_pep;

33. /ggnc_6/gredata/2/gubpaa/UGG08_NBW_PUB_pep;

34. /ggnc_6/gredata/2/gubpaa/UGG08_NBW_PUB_pep;

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7‡: อมนอนน่	Sequence 1, Appl	inounce !!	Sequence 62, App	Sequence 1, Appl	e 40,	Sequence 174, Ap	prop SA,	Sequence To App	4.0.2.2		pastae 34,	1000	1100 : 156 156		::ce },	Transport of the	Ge 355		Ther 118	Proce 106	•	`	Sequence Ta, Apr	Strauelium f., APP.11	

RESULT 1 Solvence 4, April of the creational, Inc. Solvence 2, December 19, December 19, December 19, December 19, Obligation 1, Inc. APPILIANT Park Chicagon 9 APPILIANT Park Chicagon 9 TITLE OF TIMENTING Solventing-inducible Genes and Title OF TIMENTING Solventing-inducible Genes and Title OF TIMENTING Solvence 10, 17, 22, 8448 TITLE OF TIMENTING SOlvence 10, 17, 22, 8448 TOPSENT AFTILL FALL SOLVENCE 11 TOPSENT AFTILL FALL SOLVENCE 11 SOLVENCE FALL SOLV

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Query Match

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Matches 97; Concernating C; Mismatches 7; Indois 7; Gars

by Marches 97; Concernating C; Mismatches 7; Indois 7; Gars

by Marches 97; Concernating C; Mismatches 7; Indois 7; Gars

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Sequence 1, Application Us/09803238

Fater No US2000150973A1

OBMENAL INFOSMATION:
AFFBICANT NOOPED.

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FILE REFERENCE: 7853 23

CURRENT FILING LATE: 1992-02-05

PRIOR RITHS LATE: 1992-02-05

PRIOR FILING DATE: 1993-07-01

PRIOR FILING DATE: 1993-07-01

CONTABLE PRESENCE OF MINDOWS VERSION 3.0

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Local Similality 37 kg, Tred No. 9.5,
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Best Local Similarity 37.5%; Pred. No. 5-9;
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                                                                                                                                                                                                                    Sequence 13, Application US/09893238 Patent No. USGWULU150973A1 UNFORMATION:
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Bost Local Similarity (27 %) Prod No. 1.3:
Matches 20, Conservative 14; Mismarches 30, Indelo 12: Gaps
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Best Lowal Similarity 28.0%; Pred NO 0.00046; Longth 1127
Matches 20, Conservative 19; Mirmarches 80; Indels
TITLE OF INVENTION: Maice Defense-Inducible Genes and Their TITLE OF INVENTION: Use FILE PERFERENCE: OSCITAL/230835
FILE PERFERENCETION UNSER: US/10/027,559
CURRENT AFFLICATION UNSER: 0011-10-23
PRIOR AFFLICATION WUNDER: 0011-10-23
PRIOR FILING DATE: 2000-10-25
FIRMED OF PET IN NOTE: 2000-10-25
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APPLICANT: Brigas, Sudhirdas E
APPLICANT: Shimkels, Richard A
APPLICANT: Shimkels, Richard A
APPLICANT: Shimkels, Richard A
APPLICANT: Dellawer, Pryan P
APPLICANT: Mages, Peter S
TITLE OF INVENTION: Dellawer, Pryan P
FILE REPRENTE: TSHASH PPLICANT SHIPPERSON MARKET
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Patent No. Uppopose8279Al
GENERAL INFORMATION
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Sequence 1076, Application Telegrasse

Envent N. 787 Telegrasse

Envent N. 787 Telegrasse

APPLICANT: Leach, Martin D.

APPLICANT: Leach, Martin D.

APPLICANT: Leach, Martin D.

APPLICANT: Leach, Paudia

APPLICANT: Leach, Paudia

APPLICANT: Topical Cards

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; Sequence 27, Application III
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LENGTH: 259
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APPLICANT: Jaspers, Stephen R.
ITTLE OR INVENTION COMMECTIVE TISSUE SHOWTH FACTOR HOWNLOGS
FILE REFERENCE: 97-75
FILE REFERENCE: 97-75
CURRENT FILING DATE: 2001 11-05
PRIOR APPLICATION NUMBER FAFILER APPLICATION NUMBER: 118/09/207, 31/
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TITLE OF INVENTION: Nucleic Acids, Proteins, and Annihodies
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LENGTH: 353
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Prod. No. 4
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US-U9-940-308-8
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Best Local Similarity 27.6%; Pred. No. 5; 71; Indels 24, Gaps
Mat.New 77, Chemitality 12, Mishiphies 71; Indels 24, Gaps
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12.9%; Score 66; DB 9; Length 201;
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SOFTWARP: Pack OF for Windows Version 4.0
                                                                                                                                                                                                    Sequence 5, Application 98/10115701A
Patent No. USZUGZOISKAGARA
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GENERAL INFORMATION:
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                                                                                                                                                      RESULT 10
US-10-115-701A-5
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TYPE: PR
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GENERAL INFORMATION

APPLICANT: MUZGITA, Robert A.

APPLICANT: MUZGITA, PROGRATIANT Alpha-Fetoprotein for

TITLE OF INVENTION: Treating and Diagnocing Cuncers

FILE REFERENCE: 66727/004003

CURRENT APPLICATION NUMBER: US/10/115,701A

CURRENT FILING DATE: 2002-04-04

PRIOR FILING DATE: 2000-11-0

PRIOR FILING DATE: 1998-04-09

PRIOR FILING DATE: 1998-04-09

PRIOR FILING DATE: 1998-04-09

PRIOR FILING DATE: 1996-12-03

PRIOR FILING DATE: 1996-12-03

PRIOR FILING DATE: 1996-13-03

PRIOR FILING DATE: 1996-13-03

PRIOR FILING DATE: 1996-01-24

NUMBER OF SEQ ID NOS: 16

SOFTWARE: FASESEU for Windows Version 4.0
                                                                                                                                                                                                                                           APPLICANT: Margita, Robert A.

ITITLE OF INVENTION: Recombinant Human Alpha-Fetoprotein as

ITITLE OF INVENTION: an Immunisuppressive Agent

FILE REFERENCE: 06727/00003

CUSERIT AFFLICATION NUMBER: US/AV/440,4v8

CURRENT FILING DATE: 1001-08-27

PRIOR APPLICATION NUMBER: US 09/186,723

PRIOR APPLICATION NUMBER: US 09/37/309

PRIOR APPLICATION NUMBER: US 08/37/309

PRIOR APPLICATION NUMBER: US 08/37/309

PRIOR APPLICATION NUMBER: US 08/37/309

PRIOR FILING DATE: 1995-01-24

NUMBER OF SEQ ID NOS: 16
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; TYPE: PRT; ORGANISM: Homo sapiens US-09-940-308-7
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US-10-115-701A-7
/ Sequence 7, Application US/10115701A
/ Parent No. regentingsquest
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Best Local Similarity 27.6%; Pred. No. 10;
Matches 27; Conservative 12; Mismatches 31; Indels
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LENGTH: 393
TYPE: PRT
ORGANISM: Homo sapiens
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Maximum DP sog length: 2000000000
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       PIR 73: *
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Query Match Best Local Cimilarity 5:11%; Pred. No. 4.8e-10; Matches 40; Conservative 14; Automobil Ce, Inbil 1; Page 1:	Cupocies Infinia delgans Claccession: J02343 E.Ye, 2.H.; Varner, J.E. Plant Hydril 122, 925 913, 1992 A.Title Jene expression particle 1423/2016	ENERGIA FIGURANA CONTROL OF THE CONT	Query Macon 49.4%; Score 253.5; br 2; Lendric 45; Best local Similarity 5.1%; Pred. No. 2.3e-19; Matched 45; Conservative 14; Mismatches 28; Indels ; Raps ; 49.4%; Livarian Mismatlina All Mismatches 28; Indels ; Raps ; 49.4%; Livarian Mismatlina All Mismatches 28; Indels ; Raps ; 49.4%; Livarian Mismatlina All Mismatches 28; Indels ; Raps ; 49.4%; Livarian Mismatches 21, Mismatches 28; Indels ; Raps ; 49.4%; Livarian Mismatches 21, Mismatches 28; Indels ; Raps ; 40.4%; Livarian Mismatches 21, Mismatches 28; Indels ; Raps ; 40.4%; Livarian Mismatches 21, Mismatches 28; Indels ; Raps ; 40.4%; Livarian Mismatches 28; Indels ; 40.4%; Mismatches 28; Indels ; Raps ; 40.4%; Mismatches 28; Indels ; 40.4%; Mismatches 28; Mismatches 28; Indels ; 40.4%; Mismatches 28; Mismat	T 1 Table 10.0K protein finnis elegans Cles: Zinnia elegans c. 14.7.1 17-4 #shquennylevillis 14.7.1 17-4 #thick_claus c. 14.7.1 17-7 #shquennylevillis 14.7.1 17-4 #thick_claus c. 14.7.1 17-3 #shquennylevillis 14.7.1 17-4 #thick_claus c. 14.7.1 17-3 #shquennylevillis 14.7.1 17-4 #thick_claus c. 14.7.1 17-4 #shquennylevillis 17-4 #thick_claus c. 14.7.1 17-4 #shquennylevillis 17-4 #thick_claus c. 14.7.1 17-4 #shquennylevillis 17-4 #thick_claus c. 14.7.1 17-4 #thick_

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Pytheologis, A.: Ecker, J.B.; Palm, C.J.; Rederspiel, N.A.; Kaul, S.; White, O.; Alonso, Chin, C.M.; Churg, M.E.; Cunn, L.; Chway, A.B.; Chuway, A.F.; Chasy, T.H.; Dewar, R.; ansen, N.F.; Hughes, B.; Hutzar, L.; Chway, A.B.; Chway, A.F.; Hughes, B.C.; Bloomer, C.C.; Asture 408, 916-920, 2000

Asture 408, 916-920, 2000

G.A.; Li, C.H.; Li, Y.; Liu, M.; Liu, S.Y.; Liu, S.A.; Chross, J.S.; Mairi, P.; Marriali, C.A.; Li, C.H.; Li, Y.; Liu, M.; Liu, S.Y.; Liu, S.A.; Chross, J.S.; Mairi, P.; Marriali,
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C.Specion: Prassica rapa (turnip)

O.Specion: Prassica rapa (turnip)

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B.Toriyama, R.; Hanaoka, R.; Okada, T.; Watanabe, M.

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Ajexperimental source: anther
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Ajexpernmental source: Strain IR36
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Cyspecies: Oryza sativa (Lice)
C.Date: 24-Mui 1999 #sequence_Levision 24-Mar-1999 #text_change 21 Jul-2000
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Best Local Similarity 31.9%; Pred. No. 1.46-10;
Matches 29, Conservative L1; Missatches 41, 113013
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A/Status: preliminary, translated from GB/EMBL/DDBJ
A/Mclecule type: mPNA
A/Residues: 1-86 <TOR>
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34 8%; Pred. Mo. 1.80-10;
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Davis, P.W.
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A, Ordskindfordnoss, EMELIKSTOTO, NID. 310042; PID: 419043 and inlient, R.; Potter, R.; Nidisen, P.S.; Linnestad, C.; Jahi: nlisen, submitted to the EMBL Data Library, December 1997 a, Description. The promoter of the barley Lip2 gene encoding an alegar Reference number: 831457
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A:Molecule type: DNA
A:Molecule type: DNA
A:Residues 1-103 <BEN
A:Olio refutcher: EMMLALIBURGO
A:Experimental braids collision Clarker,
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R.Denes, V., Podhmann, S., Borkova, D., Ancorge, W., Mewer, H.W., submitted to the frittein Edgewine Fatthare, June 19, 1777
A.Reference number: 223014
A.Accession: 745809
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CySpecies: Arabidopsis thaltana (mouse-ear cress)
CySpecies: 14 Feb 2011 #sequence_revision 04 Feb 2011 #test_change 04-Feb-1011
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A,Annessinn: S31457
A,Molecule type. DNA
A,Mosiddes. 1 100 «MAW»
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A,Bosiddes. 1 100 «MAW»
A,Bosiddes. 1 100 «MAW»
A,Cross references: EMBL:X69793; NID:y683753; PID:y19041
E,1 29/Commald. (ir 31) signal sequence #crotuc_grodicted «S1)»
E,09-100/Fi_duct. (ir 30 100) prshakle ghishlihid fransfer fromein.
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Approximate EMBL Vision, NID glean, Firigl8893

Approximate No Klemsdal, S.S., Linnestad, C., Loenneborg,

submitted to the MBL Data Library, Cambrary 1991

Appendict Annual place Library 1994

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Appendict Number: $14610
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probable ligid transfer protein IMP1' precursor Clipeties Peta migaris (beet)
1146 20-14; in- er-peta protein reminit . Fr. 10
C.Accession 11453
R.Nolsen, K.K., Midlann of P. Videla Co.

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beet

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FEBS Lett. 316, 119-122, 1993

A/Intle: Lipid transier proteins (nsLTES) from Lutley and maine loaves are potent inhibit A, Keteronou names. 325871, MCLD.331810.7, FMTL 4471715
A, Accession: 528872, MCLD.331810.7, FMTL 4471715
A, Molecule type: Protein
A, Molecule type: protein
A, Residues: 26-115 + MOW>
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C)Superfamily: phospholipid transfer protein
C,Eywols, lipid transport
F;1-25/Domann: signal sequence #status predicted <213,
F;26-115/Product: non-specific lipid transfer protein Cw-18 #sratus experimental <MAT>
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R.Lee, M.C.; Kim, C.G.; Bun, M.Y.
submitted to the EMBL Data library, August 1997
A.Description: Isolation and Characterization of lipid trunsfer profesh from rice. A,Reterance Laboration and Characterization of lipid trunsfer profesh from rice. A,Reterance Laboration and Characterization of lipid trunsfer profesh from rice. A,Reterance Laborates. (14508)
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Application type: mRNA
Application 1116 (ADBJ
Application FIRE Application RESERVED Application Responded to the CPC Application RESERVED Application RESPONDED Cyclopertransler source: strain RESPONDED Cyclopertransler by thospholipid transfer protein
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C.Species: Onyza sativa (rice)
C.Species: 25-Feb-1999 #sequence_tevision _c.Feb-1399 #feat__fbunge 16-741-1000
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A,Reference number. $15370, MHH (1941-1941-1941) AAACCESSION: $45370.
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This SWISE FRIT only is regulated to be produced through a collaboration between the Swiss Lustitute of Printesmatics and the EMFL outstation the European Richinformatics Institute. There are no restrictions on its use by stanging in institutions as long as free content is in no way modified and this standard in the removed. Usage by and for commercial entities regulated a greenent is not removed. Usage by and for commercial or send an employed and entities regulated and the same agreenent (See http://www.isb-sib.ch/announce/or send an employed.
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LTP2 OF HIE OF LTP

Hordeum vulgare (Barley)

Substyria, Viril, Similar, Protein, Prhypthy, a. Tricherphy, a.

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Probable numspecific lipid transfer protein AkrS9 precursor (LTP).
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Best Logal Samilarity 44.34
Matches 43, Conservative
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34.4%; Pred. No. 2.6e 10;
Live 14; Mismarches 41; Indels 4; Gaps
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13 AAVAVXWWWWTLAAGABAGAGAAAGEAGLAVGAGAILGTTRESSEGGTTB-AGGGTTR-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGGTTG-AGGTTG-AGGGTTG-AGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGTTG-AGGGTTG-AGGGTTG-AGGGTTG-AGGTTG-AGGTTG-AGGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG-AGGTTG
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                                                                                                                                                                                                                                          "Bailey aleutone cell development: molecular cloning of aleurone-specific cDNAs from immature grains.";
Flant Mc1. Bio!, 12:285-293(1989).
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Maila F., Perrer F., Nielsen F.S., Linnectad C., Cakifeloen C.S.
Olsen O.-A.;
                                                                                                                                                                             Jakobsen K., Kiemsdal S.S., Adlen K.B., Busned M., Alexander D.,
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-!- SIMILARITY: BELCHGS TO THE PLANT LTP FAMILY: B11E SUBFAMILY.
                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENTE FROM N.A
STRATULOV. Bomi;
MRILINE-WISSERS; FulbMed=7849757;
Kaita K., Simmanoto K., Evtter S., Rielsen F., Linner d. J.,
Olsen O.-A.;
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EMBL, X57270; CAA40542.1, -...
EMBL, X04733, CAA49448.1, -...
ELK, 204126, 2.4126.
PIR, S14610; S14610.
PIR, S31457, S31457.
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es 31, Conservative
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                              NCB1_TaxID-4513;
                                                                                                                                                                STRAIN=CV. Bomi;
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CL-NOV-1007 (Pol 3s, Organod)
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HSSP; P23096; 1RZL.
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                           STANDARD,
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AC TISSUE=Seed;

W. MEDITE-Seed;

A Lee J. V. Min F., Cha H., Ship b.H. Hwang K.Y. Sub S.W.;

The non-specific ligid transfer froming the 1.6-2 crystal structure in the unliganded state teveals a small hydrophobic cavity.";

AL D. Mol. Biol. 276:487-4481998)

W. J. Mol. Biol. 276:4877 MARFELLEL LIHI THANSFER EDOTEINS TRANSFER PROCEDULING SAS WELL AS SALATICATING ACTORS METERAMES MAY NA FROM CONTROL CONT
     Query Match
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Ol-NOV-1991 (Rel. 35, Created)

Ol-NOV-1997 (Rel. 37, Last sequence update:

15-DEC-1998 (Rel. 37, Last annocation update:

Dinage: [6: ] [6] ':an-fer protein i produktor (Loryza cativa (Rice)

Extaryota, Pridaglantae, Stroptophyta, Embryophy

Extaryota, Pridaglantae, Stroptophyta, Embryophy

Extartilden, Pagnilliphyta, Liliphid, Filler,

Elliphidate, Pagnilliphyta, Typaa
                                                                                                                                                                                    EIR, 16.407, ERROLLER, 16.0EC-98
InterPro, IPROJECT, AAI.
InterPro, IPROJECT, AAI.
InterPro, IPROJECT, TIV/amyl inhbtr.
InterPro, IRROLLES, TIV/amyl inhbtr.
InterPro, IRROLLES, TIV/amyl inhbtr.
IRROLLES, IRROLLES, TIV/amyl inhbtr.
IRROLLES, IRROLLES, TIV/amyl inhbtr.
IRROLLES, IRROLLES, TIV/amyl inhbtr.
IRROLLES, IRROLLES, ITALIER, INHBT IN-
IRROLLES, IRROLLES, AAI; II
IRROLLES, IRRO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               This SWISS-PPOT every is copyright It is produced through a collaboration between the Swise institute of Brainformation and the Evel outstation the European Brainformatics Institute. There are no licensering on the use ty non-grafit institutions of the second of the condition on way that find and the statement of the condition of the conditions and shifted and the statement of the conditions requires a license agreement (see http://www.isb-sub.ch/announce.or send an email to license isb-sib.ch/
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MEDITHE 00000166, FubMedi2458637;
Mu T.G. Obung C.H., Fowler A., Sub S.W.;
"Amin: 4(18_603ucnie if a prilikle amylince/proteose
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE FROM N.A.
STRANDER N. MILLAND CO., TISSUE-Seed;
Lev M.C., Fork C.Y., Lev C.C., For M.Y.,
Submitted (DEC 1894) to the EMEL(Samean). [DPJ]
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Yeerst, TAAR3949.1; -.
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                                                   Similarity
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20.9%; Score 107; DB i;
31.6%; Prod. No. 0.00019;
Live 16; Mismatches %;
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596C2FEDDA9F9D5D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Multigene family; 37-structure
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s, P. New, P. (199)
                                                                                                      Length lie;
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                                                                                                                                                                                                                                                                                                                                                                               1 ein 11 if ty 10 (*) in-1 11 (*) 14)
23. Conservative 14; Mismatches 43; Indels 12; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     8 LVALVAALL -- LAAPBAAVALTOO, VISAVOROLIIARROAASESAA 100 VRSILRAAAST RE
                                                                                                                                                                                                                                                                 Bukaryoto, Viridiplumaa, Shrephi, Bwhrynshyto, Trochoophyta,
Spermatophyta, Magnollophyta, Lillopsida, Poales, Poaceae,
Enrhartoideac, Oryzeps, Oryza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        POTENTIAL BOTTO TRANSFER PROTEIN 2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      10 DAVINAMYPYQQDPATRATONIMB - DYPONGALSSSQSDSSTOSFVBB----
10 LVAVIAAMMVEMGQLEAATAVTQHTME: LVFQAGALSSELERSGGGGGGGTPRFE :-
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01-NoV-1997 (R-1 35, Created)
01-NoV-1997 (Rel: 35, Last annotation update)
01-NOV-1997 (Rel: 35, Last annotation update)
Nonspecific lipid-transfer protein 2 precurset (LTP 2).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PROSITE: PSG0547; PLANT LTP: 1.
Lipid binding: Transport; Signal, Multiqene family.
SIGNAL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60 - CAROCHOLOGICA FOLESPANARANAGELAGUCACCACA (B. 1888) - CA
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                                                        Oberta in at Mr 4, Tissummathants
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Interpro; IPR00525; Plant bTP
Interpro; IPP004776; Try/amyl inh
Perm; PF00234, tryp_alpha_amyl; I
PF1127, PP0034, tryp_alpha_amyl; I
SMART; SM00409, AAI; I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TIRIR WW,
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                                                                                                                                                          STANDAPP:
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                                                                                                                                                                                                                                                              Oryza sativa (Rice)
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                                                                                              (i Nov.1997 (Pel 35, Created)
01-NOV-1997 (Rel. 35, Last sequence update)
15-DEC-1998 (Pel 37, Last amnoration update)
Nonspecific lipid transler process an precursor (LTP A) (Wax-associated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     expression patterns.";
Plant 0.7469-5911995.
-i. FURCHOLD FRANCE PROTEINS TRANSFER
PHOCHOLDEDS AS WELL AS GALACIOLITIES ASSESSED NOW FLAT
A KALE IN WAX OF OTHE SEPECIFICATION IN THE SELECTION OF PROTEINS
EPIDEMAAL CELLS AND CERTAIN SEPECTOR TISSUES.
SIN LASITY, ELLORS I. THE FLATT LIP FAMILY
                                                                                                                                                                                                                                                                                                                                      Eukaryota, Viridiintua, Streptophyta, Embryophyta, Tracheophyta,
Bukaryota, Viridiplantua, Streptophyta, Embryophyta, Tracheophyta,
Perpanatephyta, Mandalophyta, Eddicity/Pobins, John Hillons, Frailae,
eurosids II; Brassicales, Brassicaceae, Brassica.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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MONSLECTFIC LIFIL TEANSFER PROTEIN A.
FOTENTIAL.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              118 AA; 11911 MW; VIIDAD7C3B9138B9 CRC64;
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Lipia-cinding, Tianspoit, Signal, Milligene family.
SIGNAL 25
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Interero, IEROGGER, Plant LTP.
Interero, IEROGGER, Try/amyl inhbtr.
Ffan, Trygen, tryge dygha amyl inher.
PRINTS, FRANGER, LIPEINTPASERR.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRAIN-cv. Italica, TISSUE-Leaf,
MEDLINE-95201828, PubMed-7894511;
Pyee J., Kolattukudy P.E.;
                                                                                                                                                                                                                                                                                                                   Brassica oleracea (Cauliflower).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               EMPL: L33904; AAA73945.1; -.
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                                  STANDAPD:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NCBI_TaxID=3712;
                                                                                                                                                                                                                                                      protein 9A).
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NLTP MAIZE
1D NLTP WAIZE
                                  MITA BPADL
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NLTA_BRACL
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P19656;
01-FEB-1991
01-FEB-1991
16-007-2001
Wonsperiff:
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Vovelle F. Ptak M.;

"Sciution structure and light hinding of a nonspecific light transfer profin orthard from Tale soods",

Protein Sci. 5.866-577 (1346)

-1. EUROTON. ELANT NONSESSIEC LIFTS AT SC MEMPRASES MAY FLAY

PROFILITION AN TERMINATION TO THE TELL MAILS OF ENGALISHED A POLE IN MAN TE THIND TERMINATION TO THE TELL MAILS OF ENGALISHED A POLE IN MAN TE THIND TERMINATION SECRETORY TISSUES.

-1. AITEPRATICE AND CEPTAIN SECRETORY TISSUES.

-1. AITEPRATICE BY ALTERNATIVE SELITING OF THE TAME SENE

-1. AITERIATIVE RECORDS TO THE FLANT TO FAMILY.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTRUCTURE BY NME.

PECIT M. C., Codanc P., Martin D., Pruk M.

PECIT M. C., Codanc P., Martin D., Pruk M.

"Two-dimensional IH-NME studies of maize lipid-transfer protein.

Portonce specific assignment and secondary structure ",

Bur II Blocker coclinar-locations.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            "Phospholipid Fransfer protein foll-longth onth and amine acid sequence in maize Amine and sequence bomblights between plant phospholipid Fransfer je teins."

J. Biol. Chem. 263:16849-16855(1988).
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Ol-FEB-1901 (Pel 17, Last segmence update)
16-ONT-FORT (Pel 40, Last anotherism update)
NCOST-FORT (PUT)
NCOST-F
                                                                                                                                This SWICE prof entry in our pills is preduced through a collaboration between the Swiss Institute of Bioinformatics and the EMPH ourselvion the European Bioinformatics Institute. There are no restrictions on its use by modified and this statement is not promoved. Its output is in a modified and this statement is not promoved. Its profession and for some pills and for professions agreement for the figure by and for observable entities requires a license agreement fore here forward in the six objects.
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VECTOR RECTAIN, PAYMALITIESTS,

Shin D H., Ree T.Y., Hwang K.Y., Kim K.K., Suh S.W.,

"High-resolution prystal structure of the non-specific protein from maize seedlings.";

Structure 3-189-190/1908)
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MEDITURE BY MMR. Filmed endsode;
Omnit T. Porti V. C. C. C.dans P.,
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MEDITIE-91716490, Polymod Controls

Arondol V. Tohang F. Baillet B., Vignols F., Grellet F., De

Arondol V. Tohang F. Baillet B., Vignols F., Grellet F., De

Kader J.-C. Puigdomenech F.,

"Moltiple month coding for pholipid-transfer protein from

arise from alterative splicing ";

Gene 99:133-136(1991).
EMBL; J04176; AAA33494.1;
EMBL; MS7249; AAA33494.1;
PIR; A31779; A31779;
PIR; JH0378; JH0378.
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h P , Grellet F , Delsemy M , Bouillon P , Buct J . G
, Bernwis Camte F , Catanton H , Fetholict J . G ,
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PIR; JM71, 7: AVG-96.

PDB; JM71, 7: AVG-96.

PDB; JAFH; 15-MAY-97.

Malace; 25447; ---

InterFro; IPR000528; PARI.

InterFro; IPR000528; Plant_UTP.

InterFro; IPR000528; Plant_UTP.
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                                                                                        This swill FP.T entry is objected in pullocal through a collaboration between the Swiss Institute of Bioinformatics and the EXECUTE OUTSIDE in the Extraction of Bioinformatics and the Extraction of the Extraction of the Extraction of the Extraction of the Swiss are not reconstitution of the Swiss of the content in the committee of the Extraction of the Swiss are content to the commercial ontitude required a license agreement (See http://www.isb.oh/announce/outsend an enail to license/isb-sib.ch).
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2. ERICERD, DIEL.

2. SM00499; AAI; I.

ZITE; PS00597; PLANT_LITE; I.

ZITE; PS00597; TYANALOFT; Signal
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33, Consulvative
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This DWIDS-FROT entry to cupylight. It is produced the BMBL outstation the European Rioinformatics Institute of Bioinformatics and the EMBL outstation the European Rioinformatics Institute. There are no restrictions on its use by non-profit institutions as long as its content is in no way modified and this statement in not removed. Suggested the profit is not removed. Bushe by and for commercial entities required a license agreement (See http://www.isb-sib.ch/announce/or send an email to license*isb-sib.ch).
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Bukaryona, Viz.diplanton, Orthopophyla, Ekryrphyta, Trachophyla,
Spenatophyla, Magnell-plyta, Elli, Eslii, Filles, Prancae, PACS of
Pantochdemer, Andhopoqueme, Sorghum.
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                                                                                                                                                                                                                                                                            19.5%; Score 100.5; DB 1; Dength 117;
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MEDITING-ACOGNAGO, PUDMAG-7968969;
Polego Cichophring P., Cholles C., Mader J.-C., Delseny M.,
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043194;
01.POPT 1007 (Pol 15, Created)
01.NOV 1997 (Rel. 35, Last sequence uprate)
55-8AF-200 (Rel. 35, Last unoctation update)
Nonspecific libid transfer protein 2 precursor (LTP 2)
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                                                                                                         PROSITE; PSGGSG7, PLANT LTP; 1.
Lipid-binding; Transport; Signal; Multidene family.
SIGNAL
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67 MADREMANTERION GIRCUMANNAS ERETUSIT 174
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InterPro, IPR000548; Plant LIP.
InterPro, IPR001768; Try/amyl inhbtr.
Cam, Pro7024, Try/amyl inhbtr.
PRINTS; PR00382, LIFIDTRNSPER.
              InterProj IPRocesois, Adi.
InterProj IPRO0528; Plant LTP.
InterProj IPPRO1528; Try/amyl inhbtr.
Flam, PEOC234, try/g algra amyl; 1.
SMART; SMO0499; Adi; 1.
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HSSP, P19656; 1MZM.
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Gene 148.305-308(1994)
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HSSP; P23096; 1RZL.
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This swiss-PROT entry is adoptioned to produced through a collaboration between the Swiss Institute of Ricintormatics and the EMBL outstation the European Broinformaries Institute. There are no restrictions on its use by non-profit institutions as long as its content is in no way entried and this statement is the no-profit in no way entried and this statement is the removed. Used— by and for commercial entries a incense agreement (See http://www.isk.sik.uk.and.com.n.c.) or send an email to licensewish.ch)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Bukanyuta, Vilidiplantue, Streptoplyta, Erbryophyta, Trachecphyta,
Spermatehyta, Magnoll.pnyta, Elligelda, Falac, Parar, PACC plade,
Panicoldeae, Andropogoneae, Sorghum.
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-1- SIMILARITY: BELOAKS TO THE PLAKE LIP FAMILY.
                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                  POTENTIAL. |
NUMBERGIET HINDSTERNER PROTEIN 1.
                                                                 HOUSECLEIC LIFIC TEACHER FRITEIN C. POTENTIAL.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Puigdomenech P., "A pair of genes coding for lipid-transfer proteins in Sorghum vulgare."; Gene 143:305-308(1994).
                                                                                                                                                                                                                                                                            1 - LVAVIAAMMYEMOLUBAATAVTOSTME--LVEDAS ATSSSE, CROSTOSKURE -
                                                                                                                                                                                                     19.4%; Score 94.5; DB 1; Length 120; 31 4%; Pred No 0.0012;
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Peleso-Stebenbourg F , Caelles C , Kader J -C , Delseny M
                                                                                                                                                                                                                                           44; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NLT1_SOEB1 STANDARD; PRT; 118 AA.
(431)32: 243195;
(1-N)V-1947 (Rel. 35, Last sequence update)
(01-N)V-2997 (Rel. 35, Last sequence update)
30-MAY_2000 (Rel. 39, Last annotation update)
Nonspec.fic lipid transfer protein 1 precursor (LTP 1).
                                                     1 23 POTENTIAL.
24 112 10708F011AC LIFIC TRADSFES
33 81 POTENTIAL.
43 58 POTENTIAL.
59 104 POTENTIAL.
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79 118 POTENTIAL.
112 AA, 11442 MW, JEAUGASTERIAER GEGRA;
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Lipid-binding; Transport; Signal; Multigene family.
SIGNAL
                 PROSITE: PS00597; PLANT LTP: 1.
Lipid binding, Transport; Signal; Multigone family.
SIGNAL 1 23 POTENTIAL.
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InterPro, IPP0000728, Plant LTP.
InterPro, IPP001768; Try/amyl inhbtr.
Pfam; PP00234; tryp alpha amyl; 1.
PRINTS, PR00382; LIPIDTRNSPER.
SMART; SM00499; AAI; 1.
PROSITE: PS00597; PLANT LTP; 1.
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Fukaryota: Viridiglantao, Stroptogbyta, Ethnyophyta, Trackeighyta,
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FUNCTION FLANT NONSHEDITIC LIFTS TRANSHER FROTEIN TRANSHER PROSEDENCIESTES AS WELL AS SMACOFOLIPIES ACROSS MEMBERNIES. MIN FLAY A ROLE IN WAX OR CUIN DEPOSITION IN THE CELL WALLS OF EXPANTING EFTICEMAL CELLS AND CENTAIN DEOREICHY TISSUES.
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01-NOV-1997 (Rel. 35, Last sequence update)
Nonspecific lipid-transfer protein 1 precurso: UTP 1.
Prunus quiecis (Almond) [Frinduo amygdalus]
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Detween the Swiss institute of Minimizermatics and the EMBL outstation the Burspean Biointitute of Minimizermatics and the EMBL outstation the Burspean Biointormatics Institute. There are no restrictions of the use by non-profit institutions as long as its content in in an way modified and this statement is not removed. Usage by and the comment of entities requires a licence agreement (but little, /www.ish.eli.ch/Minimizer or send an email to licensealsb-sib.ch).
                                                                                                                                                                                                                                                               NITE MALDO SIANDARD; FRI; 115 AA.
USMASX.; USUBDO;
16-OCT-2001 (Rel. 40, Cleated)
16-OCT-2001 (Rel. 40, Last sequence update)
16-OCT-2001 (Rel. 40, Last annotation update)
Nonspecific lipid transfer protein previser (LTP) (Allergen Mal d 3).
MALD3.
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Cutchind ARS from the FWELT STREET TRANSFER FRANSFER FRANSFER FROM FLANSFER TRANSFER FRANSFER A ROLE IN MALLS OF ENFANTING BEFOREMAL GALLO AND STREET TRANSFER FRANSFER SIMILARITY. BELONGS TO THE FLANT LIP FAMILY.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Malus domestica (Apple) (Malus sylvestris).
Eukaryota, Viridiplantae, Strept-Cipty, Erryrphyta, Trachorphyta:
Spermitchiyta, Majmilliby' (1917) (1917). And the Guilletts, Fissilae,
eurosids I; Rosales, Pracagas, Maloideae, Malus.
9 HADWYALCHOW CUPINGATION VARIENT HETWOODDAY ---FP--ACCUSIND NO
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Scheuber S., Wangorsch A., Haustein D., Vieths S.,
Viloning of a cDNA enclaing a lipid transfer protein as a potential
allergen from Malus domestica.";
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                                                            PERMACKIASQCOVSIP 95
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W. CF43ID5A52AB8C35 CACC4.
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PROSITE, PSOUS97; FLAWT LIF; 1.
Lipid Binding, Transport: Signal: Allergen.
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INCERPRO, IPRODASCA PLANT.
INCERPRO, IFROODING, Try/amyl inhbrr.
Ffam, PROCASCA try/amyl inhbrr.
Procast, tryp albha amyl I-
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744 NC
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11410 MW, RY
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EMBL, AG277164; CABSG874:1; - .
HSSP; P19656; 1MZM.
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                                                                                                               61 mmagriffer, with
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Best Lonal Similarity 27.5%, itsi. D. Mismatches 41, indels 19, Gups Matches 29, Condervative 16, Mismatches 41, indels 19, Gups Matches 29, condervative 16, Mismatches 29, Mismatc

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This SWISS-PFOT entry is copyright It is produced through a collaboration between the Swice Institute of Biblinformatics and the EMBL outstation. Us. For year Fig. 16 institutions in Institute. There are no restrictions on its use by an specific institutions and long as its content is in no way modified and this statement is not removed. Usage by and for commercial entitions requires a license agreement (See http://www.icb sitich/announce/or send an email to licensee/ib.ch).
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Plant Mol. Biol. 26 1213-1216 (1994)
PROPERTY MOL. 26 1213-1216 (1994)
PROSPHOLIPIDS AS WELL AS GALACTOLIPIDS ACTORS XEMPEANES. MAY FLAX PROSPHOLIPIDS AS WELL AS GALACTOLIPIDS ACTORS XEMPEANES. MAY FLAX A FOLGE IN WALLS OF EXPANITING BPIDEMAL CELL, AND CETALIN SECHETORY TISSUES.
-- SIMILAPITY: BELOWES TO THE PLANT JTP PAMILY.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pinus taeda (Loblolly pine).
Bukaryota, Viridiplantae, Stieptophyta, Embryophyta, Tracheophyta,
Spermarophyta; Coniferopsida; Coniferales; Pinaceae: Pinus
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Lipid-Linding; Transport, Signal, Multigene family.
1 26 POURTHIAL
2 LIPIT-TRANSFEP PROTRING.
DISULED 34 R2 BY SIMILARITY.
DISULED 44 S9 BY SIMILARITY.
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MEDinEs 9511104; PubMed=7811979;
Winjaw C; Pertrain S M , Catter M C;
"Lipid transfer protein genes of lollelly pine are meakers of a
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58 INGLAKITADRUTACNOLEHAGSISGVHERMAAGESTÄÖVRVP 192
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10. - ROPPOPOSYLPNPSLROFVSPAAAQNTASOGGVS 93.

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01-NOV-1997 (Rel. 35, Created)
01-NOV-1997 (Rel. 35, Last sequence update)
01-NOV-1997 (Rel 35, Last annotation update)
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H3SP, P.9616, IMEM.
InterPro, IPPOA3612; AAI
                                                                                                                                                                                                                                                                            STANDARD;
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Best Local Similarity
Matches 24, Consory
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ID _NLTP_PINTA
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Search completed: January 12, 2003, 07:03:20 Job time : 26 secs

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Post processing Minimum Match 0%
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Disting first 40 communities
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Maximum DB seq length: 2000060000
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1: sp_archea:*
2: sp_bacteria:
3: sp_fungi:*
4: sp_funentebr
6: sp_mammal:*
5: sp_mhc.*
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6: sp_mhc.*
10: sp_plant:*
11: sp_plant:*
12: sp_vertebra
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14: sp_unclive:*
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Gaphy 10 0 , Gapext 0.5
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(without alignments)
246.748 Million dell updates/sec
sp_archea: *
sp_fungi: *
sp_human: *
sp_human: *
sp_nhammal: *
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"Arabidopsis ORF clones.",
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es 43; Conservative 21; Mishatches 23, Indels 1; Caps
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Putative lipid transfer protein.
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042159;
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TISSUE-DRY SERVE OF A.THALIANA ECCIYPE COLUMBIA;
Raynal M., Grollet F., Laudio M., Moyot Y., Cloke B., D.
submitted (OCT 1997) to the EMBL/Ocnbark/DDPJ databases
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Ol-CUM-2001 (TYEMPLY). 17, Last sequence update)
Ol-CUM-2002 (TYEMPLY). 21, Last annotation updat
Lipid transfer protein, putative.
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SEQUENCE FROM N.A.
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MEDIZITE 2016719, FobMed 11130712;
Theologis A., Ecker J.R., Palm C.J.,
White C., Alonso J., Alonfo H., Atal
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A Langin-Hooper B., Lee A., Lee J.M., Lenz C.A., Li J.H., Li Y.-P.,

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A Sakano H., Salzerg S.L., Schwartz J.R., Shinn P., Souliwick A.M.,

A Mull S. T., Van Aken S., Vayoberg M., Vycotskala V. & Walker M.,

A Wu E., Yu G., Praser C.M., Venter J. C. Free plant Arabidopsis

R. Chalana ".
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Spermatophyta: Widiplantae: Streptophyta, Ertiyak, for Ediantae, Strantatophyta: Widiplantae, Erdinory, Foreigner, Spermatophyta: Widionts, Foreigner, Ediantae, Mididupsis.
NCBI_TaxID=3702,
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Bert innal Pimilarity 44 34: Pred No. 4 3e 18,
Matches 39, Conservative 19, Mired thes 20, Indels 9, Gaps
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61.JUN 2001 (TrEMBLrel. 17, Last sequence update)
61.JUN-2002 (TrEMBLrel. 21, Last annotation update)
Lipid transfer protein, putative.
FAN21_4.
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EMBL; AC073srs; Advants; :-
InterPro; IPR003612; AAI.

Ptem; PF00234; tryp alpha_amyl; 1.

SMART; SM00499; AAI; 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OFFICE OF TERMELEE 16, Created)
01-MAR-2001 (TERMELEE 16, Last Sequence undate)
01-MAR-2001 (TERMELEE 16, Last Sequence undate)
01-JUN 2002 (TERMELEE 21, Last a mondation update)
General 2003, chrimpsche 5, Pl clone MXA1.
Arabidopsis thaliana (Mouse-ear cress)
Arabidopsis thaliana (Mouse-ear cress)
Spennatophyra, Majudiophyra, chrimpsphyra, a papuliophyra, phyralas, chrimpsphyra, Majudiophyra, chrimpshyra, chrimpshyra, a passicates, brassicates, Arabidopsis.
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39.4%; Score 186 5; DB 10; Length 103;
Sest Local Similarity 37.0%; Pred. No. 3.88-15;
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Fina Res 4 215-230(1997).

BMEL, A30(E247; BAB11284.1; -..

InterPro; IPR003612; AAI.

InterPro; IPR001/68; Try/amyl inhbtr.

Ffam, PF00214; tryp_alpha_amyl; 1.

SMART; SW04449; AAI. 1.

SHERBER 1.1 AA, 11996 MW, 415_UFA0E5A5_488 CR264.
                                      EMPL; ACOLINAR: AAGGO074.1; -.
InterPro, IPPGO3G12; AAI
InterPro, IPPGO3G2; AAI
Plam; Pro0234; Lryp_alpha_amyl; 1.
SMART; SMO3G9; AAY; 10913 MW; 959AA43A66655144 GFGR4;
SDQUENCE 102 AA; 10913 MW; 959AA43A66655144 GFGR4;
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01-A00-1998 (TEMSLLel. 07, Last sequence update)
01-A00-1998 (TEMSLLel. 07, Last annotation update)
101-DN 2002 (TEMSLLel. 11, Last annotation update)
PEC-1.
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Best Local Similarity 33.3%;
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Monther F., Dieryck W., Boutrot F., Joudrier F., Ga

"Durification, characterisation and cDNA clering of

lipid transfer protein from Trittoum durum.";

Plant Sci 161 747-785/2001)

EMBL, AZ297768; CAC13149.1;

InterPro; IPP003612; AAI

InterPro; IPP003612; AAI

InterPro; IPP003786; N1debydr debydr

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InterPro; IPP003786; N1debydr debydr

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Pfam; PP0034; tryF alpha amyl; 1

SMART; SM00499; AAI; 1.
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Eukaryora; Viridiplantes; Streptophyla; Embryophyla; Trucheop
Spermarophyta: Magnoliophyta: Miliopoida, Polies, Pouzeae, p
Triticeae; Triticum.
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Torlyama K., Hanaoka K., Okada T., Watanabe M.;

"Mologular miching of a mina Aproding a gillen extracellular protein as a posential fourno of a gillen allergen in Brucelca rapa.",

FEBS Lett. 424.234.239(1998).

EMBL. AROHARR: BAADECRAO 1:

InterPro, IPP001768; Try/amyl inhbbr.

PIG0234; Tryp alpha_amyl) 1.

SMART: SMO0499; Tryp alpha_amyl 1.

SMART: SMO0499; AAI; 1.
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Lipid transfer protein precureor
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Prod. No. 2.4e 13,
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Whenhes 29, Conservation
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CEQUENCE FROM M.A.
STRAIN-CV. COLUMBIA,
MEDILIBALIVATIO, FAMMED-LILDOVIZ;
Theologis A. Elaet C.R., Fain C.J., Federspiel N.A., Ra
White O., Alonso C., Altail N., Alaujo B., Baman C.L.,
Buehler E., Chan A., Chao O., Chen H., Cheuk R.F., Chin
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MCELTAAID 3702;
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Bekanyuta, Milifflandac, Osiephiphjou, Embryophyta, Tracheophyta;
Spermarephyta, Yagneliophyta, Lillispoida, Boalos, Boaceaw;
Ehrhaicoldoss, Oryzose; Oryza.
MOBI_TaxID-4530;
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Fred. Wo. 1.8e-13;
1, Mismatcher 41
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SEQUENCE FROM N.A.
STRAIN MOREX, TICOUE-MIDENIAR OFFER FELT LAVEP;
CHOR F., Poolad M.R.;
"Nucellar cell-specific expression of a ligid transfer protein 3sn# in barbey.";
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Best Local Shallarity 34.51, Prof. K., N. P. 13,
Matches St, Combetrative IS, Missatthes 43, Indete 9, Pages
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Bukaryota, Viridiplantue, Streptuphylu, Frynybyla, Tracheoghyla:
Spernatophyta, Magnollophyla: Lilloprida, Puales, Funovae: Piold-ve;
Triticeae; Hordeum.
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BMBL, AC012679, AAG52085.1;

InterPro. IPR004612; AAI.

InterPro. IRR014612, Try//amyl_inht:r

SMART; SM00499; AAI; I.

SECURICE 99 AA; I.O.I NW, I.D.O.I LEUTLERAL FORM,
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01-NOV-1996 (ILEMBLIEL 08, Dast sequence update)
01-JUN 2002 (TrEMBLIEL 21, Last annotation update)
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InterPro; IPR0036.2; AAI.
Intute.c., IPR0031768, Try/,amyl inhbtr.
Pfam; PF00234; tryp alpha_amyl; 1.
SMART; SM00499; AAI; 1.
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Monspecific lipid-transfer protein 2P (LTP2P) (Lipid transfer
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